

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000049**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 23-Jan-2007**Location:** Changxing Island, Shanghai, China

**Submittals(New / Total):**      **CWR's:** 0 / 0      **HSR's:** 0 / 0      **NCR's:** 0 / 1

Item	Title	Detail
1	Major component movement	<p>QA observed the following mechanical testing:</p> <p>HP-2006116 - retest of Charpy-V Notch tests appeared to comply HP-2006117 - retest of Charpy-V Notch tests failed impact requirements</p> <p>Observed welding of the following PQR:</p> <p>HP-2006107-10, 1G FCAW on 26mm plate using Supercored 71H electrode. Welding is complete.</p>
2	Key conversations	<p>QA spoke with ABF representative Craig Knops regarding the number of welder qualifications ZPMC is presenting to Caltrans as complete. The only welder qualifications that Caltrans was given the opportunity to observe was the SAW operator qualification conducted on January 17th. ZPMC had presented QA with RT film for 79 SMAW, 13 FCAW and 16 SAW qualifications. QA requested that ABF look into the matter and determine which welder qualifications were conducted correctly and should be presented to Caltrans prior to the State making any determination of their acceptability.</p> <p>QA spoke with ABF representative Craig Knops regarding the low impact values observed on the ceramic backing PQR test plates (HP-2006116 and 117). QA requested that ABF look into the matter and make a determination how they wished to proceed.</p>
3	Quality Assurance Inspectors per shift	<p>4 AM 0 PM</p>

**Inspected By:** McClary,David

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer